

## **AMENDMENTS TO THE CLAIMS**

The following listing of claims will replace all prior versions and listings of claims in the application.

### **LISTING OF CLAIMS**

1-18. (Cancelled)

19. (Currently Amended) The apparatus of Claim ~~52~~ 69 further comprising a sensor in communication with said compressor, said sensor providing a signal to said control block indicative of an operating characteristic of said compressor, and said control block being operable to transmit said signal to said system master.

20. (Currently Amended) The apparatus of Claim ~~52~~ 69 further comprising a plurality of sensors in communication with said compressor, each of said plurality of sensors providing a signal to said control block indicative of an operating characteristic of said compressor.

21. (Currently Amended) The apparatus of Claim 20 wherein said control block creates ~~an~~ said compressor event history data from said signals of said sensors.

22 - 25. (Cancelled)

26. (Currently Amended) The apparatus of Claim ~~52~~ 69 wherein said control block includes a microprocessor.

27. (Previously Presented) The apparatus of Claim 26 wherein said microprocessor functions as a gateway for communicating with said system master.

28. (Previously Presented) The apparatus of Claim 26 wherein said microprocessor controls communication between said control block and said system master.

29. (Cancelled)

30. (Currently Amended) The apparatus of Claim ~~52~~ 69 wherein said control block is operable for selective control by said system master.

31. (Cancelled)

32. (Currently Amended) The apparatus of Claim ~~52~~ 69 wherein said compressor is initially configured by said control block receiving said new image of compressor data from said system master.

33. (Currently Amended) The apparatus of Claim ~~52~~ 69, further comprising a plurality of sensors integrated internally into a said shell of said compressor and in communication with said control block.

34. (Currently Amended) The apparatus of Claim ~~52~~ 69 wherein said control block includes a vibration sensor.

35 - 47. (Cancelled)

48. (Currently Amended) The apparatus of Claim ~~52~~ 69 wherein said control block includes a microprocessor that controls communication of said first image between said control block and said system master.

49. (Cancelled)

50. (Withdrawn) The apparatus of Claim 53 wherein said operating parameter includes vibration.

51 -52. (Cancelled)

53. (Withdrawn – Currently Amended) The apparatus of claim ~~52~~ 69 further comprising a plurality of sensors monitoring an operating parameter of at least one of said a motor of said compressor and said compression mechanism.

54. (Withdrawn – Currently Amended) The apparatus of claim ~~52~~ 69 wherein said compressor identification data includes at least one of compressor model data and compressor serial number data.

55. (Cancelled)

56. (Currently Amended) The apparatus of claim ~~55~~ 69 wherein said compressor application data includes at least one of application type data, application temperature range data, refrigerant code data, oil code data, and oil charge data.

57. (Cancelled)

58. (Currently Amended) The apparatus of claim ~~57~~ 69 wherein said compressor control data includes anti-short cycle time data.

59. (Withdrawn – Currently Amended) The apparatus of claim ~~57~~ 69 wherein said compressor control data includes at least one of discharge pressure cut-in data, discharge pressure cut-out data, discharge pressure sensor option data, discharge trip time data, discharge multiplier data, discharge divider data, and discharge temperature cut-out data.

60. (Withdrawn – Currently Amended) The apparatus of claim ~~57~~ 69 wherein said compressor control data includes at least one of oil add set point data, oil stop add set point data, oil trip set point data, oil on time data, oil off time data, and oil add period data.

61. (Withdrawn – Currently Amended) The apparatus of claim ~~57~~ 69 wherein said compressor control data includes at least one of shake limit data and shake count data.

62. (Withdrawn – Currently Amended) The apparatus of claim ~~57~~ 69 wherein said compressor control data includes at least one of suction pressure low limit data, suction pressure high limit data, suction multiplier data, suction divider data, and suction pressure sensor option data.

63. (Withdrawn – Currently Amended) The apparatus of claim ~~52~~ 69 wherein said first image of compressor configuration data includes customer information data.

64. (Withdrawn) The apparatus of claim 63 wherein said customer information data includes at least one of customer name data and customer model number data.

65. (Cancelled)

66. (Currently Amended) The apparatus of claim ~~65~~ 69 wherein said event history data includes at least one of compressor cycles data, compressor on-time data, discharge pressure trips data, discharge temperature data, motor trips data, oil trips data, suction pressure limit trips data, shake limit trips data, and events since cleared data.

67 - 68. (Cancelled)

69. (New) An apparatus comprising:

a compressor including a shell and a compression mechanism disposed within said shell;

a control block associated with said compressor and mounted on said shell;

a memory accessible to said control block and associated with said compressor, said memory storing a first image of configuration data for said compressor, said configuration data including compressor identification data, compressor application data, compressor event history data, and compressor control data including at least one compressor set point and at least one compressor pressure limit;

a system master in communication with said control block that sends a configuration data request to said control block, receives a copy of said first image of said configuration data from said control block in response to said request, constructs a new image of configuration data for said compressor, said new image including compressor identification data, compressor application data, compressor event history data, and compressor control data including at least one compressor set point and at least one compressor pressure limit, and sends said new image to said control block;

wherein said control block receives said new image from said system master and stores said new image in said memory in place of said first image.